

### Amendments to the Specification

Please replace the paragraph at page 65, beginning at line 13, with the following:

Primers used for the SSRs reported herein are publicly available and may be found in the ~~Maize DB on the World Wide Web at [agron.missouri.edu/maps.html](http://agron.missouri.edu/maps.html) (sponsored by the University of Missouri)~~ Maize GDB using the World Wide Web prefix followed by [maizegdb.org](http://maizegdb.org) (maintained by the USDA Agricultural Research Service), in Sharopova *et al.* (Plant Mol. Biol. 48(5-6):463-481), Lee *et al.* (Plant Mol. Biol. 48(5-6): 453-461), or may be constructed from sequences if reported herein. Some marker information may be available from Paragen.

Please replace the paragraph at page 65, beginning at line 18, with the following:

Map information is provided in centimorgans (cM) and based on a composite map developed by Pioneer Hi-Bred. This composite map was created by identifying common markers between various maps and using linear regression to place the intermediate markers. The reference map used was UMC98. Map positions for the SSR markers reported herein will vary depending on the mapping population used. Any chromosome numbers reported in parenthesis represent other chromosome locations for such marker that have been reported in the literature or on the ~~Maize DB~~ Maize GDB. Map positions are available on the ~~Maize DB~~ Maize GDB for a variety of different mapping populations.

Please replace the paragraph at page 72, beginning at line 2, under the heading DEPOSITS with the following:

Applicant has made a deposit of at least 2500 seeds of Inbred Maize Line PH70R with the American Type Culture Collection (ATCC), Manassas, VA 20110 USA, ATCC Deposit No. PTA-4680. The seeds deposited with the ATCC on September 18, 2002 were taken from the deposit maintained by Pioneer Hi-Bred International, Inc., ~~800 Capital Square, 400 Locust Street, Des Moines, Iowa 50309-2340~~ 7100 NW 62nd Avenue, Johnston, Iowa 50131-1000, Des Moines, Iowa 50309-2340 since prior to the filing date of this application. Access to this deposit will be available during the pendency of the application to the Commissioner of Patents and Trademarks and persons determined by the Commissioner to be entitled thereto upon request. Upon allowance of any claims in the application, the Applicant will make the deposit available to

the public pursuant to 37 C.F.R. § 1.808. This deposit of the Inbred Maize Line PH70R will be maintained in the ATCC depository, which is a public depository, for a period of 30 years, or 5 years after the most recent request, or for the enforceable life of the patent, whichever is longer, and will be replaced if it becomes nonviable during that period. Additionally, Applicant has satisfied all the requirements of 37 C.F.R. §§ 1.801 - 1.809, including providing an indication of the viability of the sample upon deposit. ~~Applicant imposes no restrictions on the availability to the public of the deposited material from the ATCC; however,~~ Applicant has no authority to waive any restrictions imposed by law on the transfer of biological material or its transportation in commerce. Applicant does not waive any infringement of his rights granted under this patent or under the Plant Variety Protection Act (7 USC 2321 et seq). U.S. Plant Variety Protection of Inbred Maize Line PH70R has been ~~applied for~~ issued under Application PVP No. 200200181. Unauthorized seed multiplication prohibited. U.S. Protected Variety.